



Selection of Consumables



Base Metal	AWL Brand
IS 2062, 226	SUPERBOND /SUPERBOND S / KINGBOND / SUPABASE X PLUS AUTOMIG 70S-6 / AUTOMIG FC 121
SA 414 Gr. C/D, SA 516 Gr. 55/60	SUPABASE / SUPABASE X PLUS / TENALLOY Z PLUS
SA 516 Gr. 55/60/65, IS 2002, IS 2062	TENALLOY S PLUS
SA 515 Gr. 60/65, SA 516 Gr. 60/65	TENALLOY HH SPL
SA 516 Gr. 70	TENALLOY S PLUS



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15Mo3, 16Mo3, 14Mo6	Molyten
SA 387 Gr.11, SA 335 P11	Cromoten, Cromoten STC, AUTOMIG/TIGFIL 80S-B2, AUTOMIG FC 81T1-B2
SA 335 P22, SA 387 Gr.22	Cromoten C, Cromoten 2STC, AUTOMIG/TIGFIL 90S-B3, AUTOMIG FC 91T1-B3
9% Cr type P5B	Cromoten 9
Cr-Mo-V-Nb alloyed P91	Cromoten 9M / Cromoten 9M-15 AUTOMIG/TIGFIL 90S-B9 AUTOMIG FC 91T1-B9



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1% Ni steel, Storage tank for low temp.	Tenalloy 70C / CL, Tenalloy 60 AUTOMIG/TIGFIL 80S-Ni1 AUTOMIG FC 81T1-Ni1
2.5% Ni, SA 203 Gr.A/B	Tenalloy 70A
SA 203 Gr.B/D/E, 3-3.5% Ni,	Impact @-75 Deg.C: Tenalloy 70B
	Impact @-100 Deg.C: Tenalloy 70BL
Weathering Steel Corten A and B, ASTM A242, A 588	Ultracorten I
Weathering Steel Corten A and B, ASTM A36, A 283 Gr.B/C	Ultracorten III



Base Metal	AWL Brand
S 690 QL	Tenalloy 80 / 80 HH Spl / 120 AUTOMIG FC 110T5-K4
HY 80 / 90 / 100, USS T-1	Tenalloy 80 / 80 HH Spl / 120 AUTOMIG FC 110T5-K4



HARDOX Grade	
Unalloyed and Low alloyed Consumables	Supabase X Plus, Tenalloy 16, Tenalloy 55/60 AUTOMIG 70S-6, AUTOMIG 80S-G AUTOMIG FC 71T-5
SS Consumables	Austomang 307, Betachrome N/ND Miginox 307, Miginox OA 307



Before recommendation get data on:

Chemical requirements

Strength requirements

Impact requirements

PWHT condition

Hardness

Base metal thickness

Application



Thank You !